**Unit 6 Map (Cell Division)**

Ms. Ottolini, AP Biology

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| **Topic** | **Learning Target** | **Where did I learn this?**  (What resources should I use to study?) | **How well do I know this?**  (scale of 1 to 3, with 3 indicating a high level of understanding) |
| DNA and the Cell Cycle | 1. I can explain how DNA is organized in prokaryotic vs. eukaryotic cells. |  |  |
| 2. I can identify and explain the steps of the cell cycle. |  |  |
| Mitosis | 3. I can identify the purposes of mitosis in unicellular vs. multicellular organisms. |  |  |
| 4. I can explain what happens in each step of mitosis. |  |  |
| Meiosis | 5. I can identify the purpose of meiosis. |  |  |
| 6. I can explain what happens in each step of meiosis. |  |  |
| Regulation of the Cell Cycle | 7. I can describe the methods cells use to control the cell cycle. |  |  |
| 8. I can explain what happens when cell cycle controls fail (i.e. cancer). |  |  |